

FIGURE 1
CONVENTIONAL ART

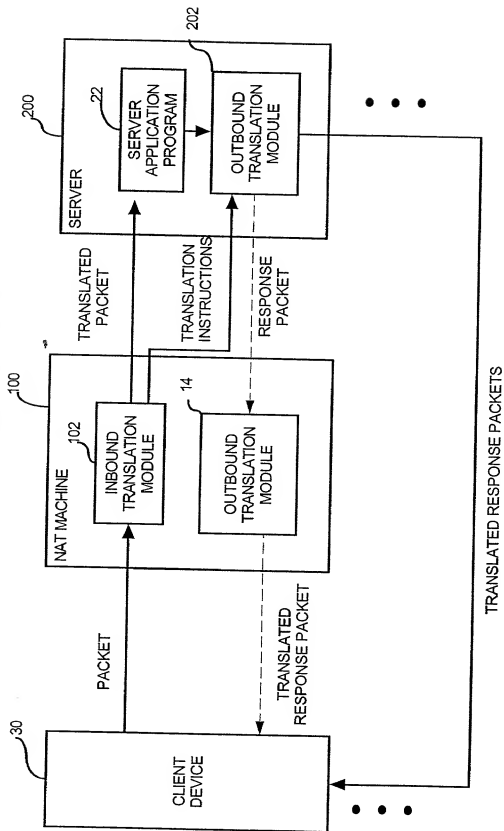


FIGURE 2

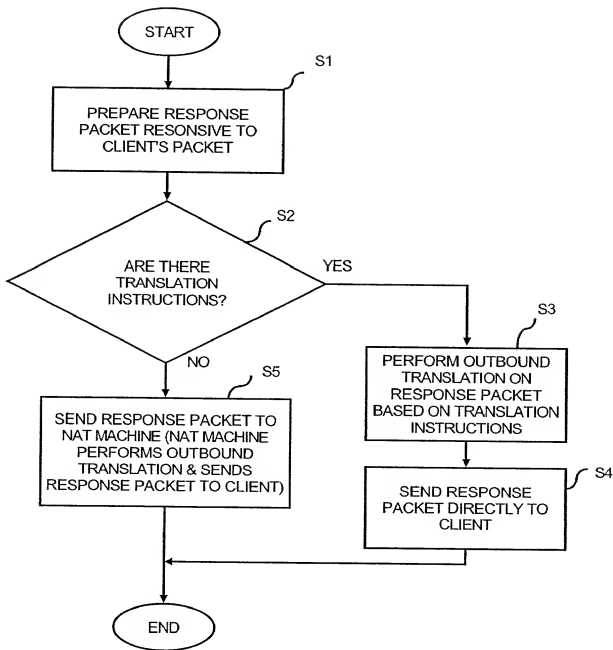


FIGURE 3

CLIENT DEVICE 30

NAT MACHINE 100

SERVER 200

S10

TRANSMIT
PACKET TO NAT
MACHINE

PERFORM INBOUND
TRANSLATION & SEND
TRANSLATED PACKET
TO SERVER

S13

SEND TRANS. INS. TO
SERVER BASED ON
CRITERIA

PREPARE RESPONSE
PACKET RESPONSIVE
TO TRANSLATED
PACKET

S16

DO TRANS. INS.
EXIST?

YES

S32

PROCESS
RESPONSE
PACKET

S34

IS THERE
ANOTHER
PACKET?

YES

NO

END

S28

PERFORM
OUTBOUND
TRANSLATION

S18

TRANSMIT RESPONSE
PACKET TO NAT
MACHINE

S24

PERFORM OUTBOUND
TRANSLATION

S26

TRANSMIT RESPONSE
PACKET TO CLIENT

S30

SEND RESPONSE
PACKET
DIRECTLY TO
CLIENT

FIGURE 4

100-200-551200-000